



Capital Improvement Program

FY2013 thru FY2017

Project Request Form

Project Title: JMU CHILLERS
Project Priority: Priority 2
Project Code: PWJMUC
Department: 972043

Project Type: REPLACEMENT
Status: Active

Start Date (FYE): ONGOING
Completion Date (FYE): ONGOING

Description:

RRP CHILLERS - JMU 100%

Explanation:

Chillers for chill water to CISAT
 1 - Steam driven chillers 1,000 tons
 2 - Steam driven chillers 1,000 tons
 3 - Steam driven chillers 1,000 tons
 4 - Steam driven chillers 1,500 tons

Funded by JMU

Alternative:

None

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning		\$100,000						\$100,000
Land								
Construction			\$1,000,000	\$1,000,000	\$1,000,000		\$1,500,000	\$4,500,000
Equipment								
Other Expenses								
Total		\$100,000	\$1,000,000	\$1,000,000	\$1,000,000		\$1,500,000	\$4,600,000
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue		\$100,000	\$1,000,000	\$1,000,000	\$1,000,000		\$1,500,000	\$4,600,000
Total		\$100,000	\$1,000,000	\$1,000,000	\$1,000,000		\$1,500,000	\$4,600,000
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2013 thru FY2017
Project Request Form

Project Title: RRF GAS BOILER UPDATES

Project Priority: Priority 2

Project Code: PWSGB

Project Type: REPLACEMENT

Department: 972043

Status: Active

Start Date (FYE): 2012

Completion Date (FYE): beyond

Description:

RRP gas boiler, cooling towers, water system, controls, building upgrades. JMU - 100%

Explanation:

Equipment replacement

Alternative:

NONE

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning		\$50,000						\$50,000
Land								
Construction								
Equipment			\$250,000	\$1,200,000	\$1,200,000	\$3,000,200		\$5,650,200
Other Expenses								
Total		\$50,000	\$250,000	\$1,200,000	\$1,200,000	\$3,000,200		\$5,700,200
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue		\$50,000	\$250,000	\$1,200,000	\$1,200,000	\$3,000,200		\$5,700,200
Total		\$50,000	\$250,000	\$1,200,000	\$1,200,000	\$3,000,200		\$5,700,200
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2013 thru FY2017
Project Request Form

Project Title: SKID LOADER

Project Priority: Priority 3

Project Code: PWSRCE2

Department: 972043

Project Type: REPLACEMENT

Status: Active

Start Date (FYE): 2015

Completion Date (FYE): ongoing

Description:

Replacement skid loaders forklift schedule

376 94 743 BC 2015

377 99 753 BC 2017

Forklift 2015

Explanation:

Used to transport recyclable materials to and from baling process.

Alternative:

Stop recycling

Privatize

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☒ Improves service
- ☐ New service
- ☒ Convenience
- ☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction								
Equipment				\$80,000		\$80,000	\$120,000	\$280,000
Other Expenses								
Total				\$80,000		\$80,000	\$120,000	\$280,000
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue				\$80,000		\$80,000	\$120,000	\$280,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total				\$80,000		\$80,000	\$120,000	\$280,000
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program

FY2013 thru FY2017

Project Request Form

Project Title: TRANSFER TRUCK STEAM PLANT

Project Priority: Priority 2

Project Code: PWSSPE1

Project Type: REPLACEMENT

Department: 420341

Status: Active

Start Date (FYE): 2013

Completion Date (FYE): beyond

Description:

Transfer truck for hauling ashes to county landfill, hauling county landfill trash and waste chips to R.R.P. & ash containers.
Each year 4 containers
393 00 Int 2012
391 08 Mack 2015

Explanation:

Transport trucks for hauling ashes, waste, chips, recycling

Alternative:

Hire private contractor

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction								
Equipment		\$27,000	\$27,000	\$123,500	\$27,000	\$27,000	\$300,000	\$531,500
Other Expenses								
Total		\$27,000	\$27,000	\$123,500	\$27,000	\$27,000	\$300,000	\$531,500
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue		\$27,000	\$27,000	\$123,500	\$27,000	\$27,000	\$300,000	\$531,500
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$27,000	\$27,000	\$123,500	\$27,000	\$27,000	\$300,000	\$531,500
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2013 thru FY2017
Project Request Form

Project Title: RRF SYSTEMS REPLACEMENT & IMPROVEMENT PROGRAM
Project Priority: Priority 2
Project Code: PWSSPE5
Department: 972043
Project Type: REPLACEMENT
Status: Active

Start Date (FYE): 2011
Completion Date (FYE): 2017

Description:

R&R firebrick, loader chute, ash conveyor, fluidized bed grates, drop off chute, fire tubes, under carriage, hydraulic system, bag house, economizer, pollution control systems, new water softening system, exhaust stack for units #1 and #2, lime and carbon storage tanks, computer control systems, hard surface tipping floors and ash areas

Explanation:

machinery in plant replaced 2004. has a life expectancy of 15 to 20 years. (Major equipment repair and replacement 2012-2013. Total plant replacement 2020-2021.

Alternative:

Landfill, privatize or complete rebuild of plant.

Justifications:

- ☐ Mandated
☒ Remove hazards
☒ Maintains service
☒ Increase efficiency
☐ Increase revenues
☐ Improves service
☐ New service
☐ Convenience
☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction								
Equipment		\$1,149,459	\$676,000	\$800,500	\$400,000	\$75,000		\$3,100,959
Other Expenses								
Total		\$1,149,459	\$676,000	\$800,500	\$400,000	\$75,000		\$3,100,959
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue		\$1,149,459	\$676,000	\$800,500	\$400,000	\$75,000		\$3,100,959
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$1,149,459	\$676,000	\$800,500	\$400,000	\$75,000		\$3,100,959
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



**Capital Improvement Program
FY2013 thru FY2017
Project Request Form**

Project Title: SUPPORT EQUIPMENT RRF (ROLLING STOCK)

Project Priority: Priority 2

Project Code: PWSSPE8

Project Type: REPLACEMENT

Department: 972043

Status: Active

Start Date (FYE): 2014

Completion Date (FYE): beyond

Description:

Shredder, backhoe and forklift
Shredder replace 2016
Frontend Loader replace 2014
Grapple Loader replace 2016

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Explanation:

Equipment needed to operate RRF

Alternative:

Shut down RRF or privatize

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction								
Equipment			\$80,000		\$570,000		\$100,000	\$750,000
Other Expenses								
Total			\$80,000		\$570,000		\$100,000	\$750,000
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue			\$80,000		\$570,000		\$100,000	\$750,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total			\$80,000		\$570,000		\$100,000	\$750,000
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



**Capital Improvement Program
FY2013 thru FY2017
Project Request Form**

Project Title: RRF BUILDING UPGRADE

Project Priority: Priority 3

Project Code: PWSSPBG1

Department: 910142

Project Type: REPLACEMENT

Status: Active

Start Date (FYE): 2013

Completion Date (FYE): ongoing

Description:

Sand/blast, paint interior and exterior, replace roof, electrical upgrade on the waste to energy side of plant.

Explanation:

Rehabilitation of building structure for waste to energy plant.
Building upgrade February 2004. Main structure built 1984 - funds to paint and repair roof every 5 years to protect equipment and enhance life of building.

Alternative:

Perform general maintenance, risk deterioration of building structure or complete rebuild of plant.

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction		\$60,000	\$40,000	\$60,000	\$40,000		\$60,000	\$260,000
Equipment		\$40,000	\$10,000	\$40,000	\$10,000		\$40,000	\$140,000
Other Expenses								
Total		\$100,000	\$50,000	\$100,000	\$50,000		\$100,000	\$400,000
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue		\$100,000	\$50,000	\$100,000	\$50,000		\$100,000	\$400,000
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$100,000	\$50,000	\$100,000	\$50,000		\$100,000	\$400,000
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2013 thru FY2017
Project Request Form

Project Title: RRF AND MRF CLOSURE AND MONITORING
Project Priority: Priority 1
Project Code: PWRRFCLS **Project Type:** NEW
Department: 910142 **Status:** Active

Start Date (FYE): 2013
Completion Date (FYE): ongoing

Description:

A. Quarterly monitoring and testing - \$50,000 annually
B. Remove raw MSW from tipping floor - \$100,000
Remove recyclables from MRF - \$50,000
Remove wastewater - \$20,000
Equipment decommission and clean up - \$1,000,000

Explanation:

DEQ required program for closure plan

Alternative:

Justifications:

- ☒ Mandated
☐ Remove hazards
☐ Maintains service
☐ Increase efficiency
☐ Increase revenues
☐ Improves service
☐ New service
☐ Convenience
☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000
Land								
Construction								
Equipment								
Other Expenses							\$1,000,000	\$1,000,000
Total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,000,000	\$1,250,000

Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,000,000	\$1,250,000
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,000,000	\$1,250,000

Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								